

# DHSI

## Door and Hardware Systems, Inc.

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### SECTION 08710 Short Spec with Typical Hardware Sets GASKETING OF DOORS AND FRAMES (2-27-06)

#### 3.03 FIELD QUALITY CONTROL

##### A. Inspection:

1. Any light passing the frame perimeter shall be cause for rejection (as per UL 1784 smoke test procedure).
2. Door shall close from 70 degrees and latch freely without latch or hinge bind.
3. The closing speed for ADA shall not exceed 3 seconds to within 3 inches of the latch position. Lever torque shall not exceed ADA (taken from NFPA 101 Life Safety) of 15 inch pounds.
4. Filing of strike plates to relieve lock bind is unacceptable (as per NFPA 80 = no field modifications of fire tested components is allowable).
5. The "Industry Standards and Recommended Guidelines For Installation" shall govern field inspection.
6. Field inspection and acceptance of product will be based upon the criteria of "Nationally Referenced Standards."
7. If a problem with the sealing of doors and hardware occurs the contractor shall first contact DHSI. A DHSI consultant will attempt to determine the cause of the problem and determine to what extent it is a manufacturing error, such as door machining for hinge backset or depth of mortise, or an out of tolerance condition for plumb, or installation error. DHSI will recommend solutions.
8. To avoid self-adhesive failure, due to stretching during installation, self-adhesive frame seals shall be inelastic and shall not be subject to stretching. Failure of a smoke seal voids the Listing of the opening.

#### 3.06 SAMPLE HOTEL HARDWARE SCHEDULE:

Where DHSI frame seals, door bottoms and transition strips are listed, it is intended that all openings requiring similar products be DHSI products.

#### HW-1 TYPICAL GUEST ROOM ENTRY

**SEE THE STAIRWELL DETAIL FOR A HAMPTON  
 INN & SUITES TYPICAL CARPET TO TILE DETAIL**

**Sample Finish shown, Consult DHSI for options**

FINISH MFG

3 EA. HINGES			
1 EA. CLOSER			
SPRING HINGES OR CLOSERS AS REQUIRED			
1 EA. CARD LOCKSET	Section 08711		
1 EA. PRIVACY GUARD	#SAL	626	DHS
1 EA. DOOR VIEWERS			
1 EA. FLOOR STOP			
1 SET FRAME SEAL GASKET	#105	DB	DHS
1 EA. THRESHOLD	#FT-2.75	BLK	DHS
1 SET FRAME ALIGNMENT BRACKET	#FA/SB	DHS	

**The architect shall choose one of the following door bottoms and determine need for "AMU" suffix:**

1 EA. DOOR SWEEP	#CS-36 X AMU	DB	DHS
1 EA. DOOR BOTTOM	#AMDB3-2 X SWE X AMU		DHS
1 EA. DOOR SWEEP	#SSDB-36 X AMU	OW	DHS
1 EA. DOOR SWEEP	#SAS-36 X AMU	OW	DHS

NOTE: Provide 2 door viewers on H/C guest rooms.

SEE SUBMITTAL DETAIL SHEET FOR SWE AND AMU OPTIONS

AS AN EXAMPLE, WE HAVE INCLUDED THEM IN THIS TYPICAL SET

PROJECT NAME 08710 (2-27-06) - 1 DOOR GASKETING, SEALS, AND THRESHOLDS

**HW-2 TYPICAL CONNECTING ROOM DOORS**

6 EA.	HINGES			
2 EA.	DEADLOCK			
2 EA.	CONNECTING ROOM LATCHSET			
2 EA.	WALL STOP			
2 EA.	PRIVACY GUARD	#SAL	626	DHS
2 SET	FRAME SEAL GASKET	#105	OW	DHS
2 SET	DUST PLUGS	#DP .250		DHS

**The architect shall choose one of the following door bottoms:**

2 EA.	DOOR SWEEP	#CS-36	DB	DHS
2 EA.	DOOR BOTTOM	#AMDB3-3		DHS
2 EA.	DOOR SWEEP	#SSDB-36	OW	DHS
2 EA.	DOOR SWEEP	#SAS-36	OW	DHS

NOTE: If code or property standards require a threshold to be the full depth of the frame, request DHSI #CTC-ADJ "Adjustable" threshold (up to 13 1/2") and list depth of frame. If a full threshold is not supplied, flooring installer shall install double padding under the entire connecting room opening to provide a carpet threshold OR Provide one or two DHSI FT 2.75 thresholds as may be required by local fire code – see DHSI Connecting Details

**HW-6 TYPICAL U/L STAIRWELL SINGLE OR A HAMPTON INN SUITES THRESHOLD DETAIL**

3 EA.	HINGES			
1 EA.	FIRE EXIT HDWE.-RIM			
1 EA.	CLOSER			
1 EA.	FLOOR STOP			
1 SET	FRAME SEAL GASKET	#105	DB	DHS
1 EA.	THRESHOLD	#HS 3.50	BLK	DHS
1 SET	DUST PLUGS	#DP .250		DHS

**The architect shall choose one of the following door bottoms:**

1 EA.	DOOR SWEEP	#CS-36	DB	DHS
1 EA.	DOOR BOTTOM	#AMDB3-3		DHS
1 EA.	DOOR SWEEP	#SSDB-36	DB	DHS

**HW-7 TYPICAL U/L LAUNDRY JANITOR**

3 EA.	HINGES – Swing Clear			
1 EA.	STOREROOM LOCKSET			
1 EA.	CLOSER			
1 EA.	WALL STOP			
1 SET	FRAME SEAL GASKET	#105	DB	DHSI
1 SET	DUST PLUGS	#DP .250		DHS

**The architect shall choose one of the following door bottoms and thresholds:**

1 EA.	DOOR BOTTOM	#AMDB3-3		DHS
1 EA.	DOOR SWEEP	#CS-36	DB	DHS
1 EA.	DOOR SWEEP	#SSDB3-3	DB	DHS
1 EA.	DOOR SWEEP	#SAS	OW	DHS
1 EA.	TRANSITION STRIP	#HS 3.50 if carpet to concrete or VTC		DHS

GC to coordinate appropriate flooring transition strip if by flooring supplier.

The Listing for a fire door now includes a smoke seal as necessary. It is no longer a "Recommendation" in Life Safety.

CONTACT DHSI FOR A FULL LIST OF TYPICAL OPENINGS AND DETAILS

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